

## 12. REFERENCES

- 10 CFR 835, *Code of Federal Regulations*, Title 10, “Energy,” Part 835, “Occupational Radiation Protection.”
- 29 CFR 1910, *Code of Federal Regulations*, Title 29, “Labor,” Part 1910, “Occupational Safety and Health Standards.”
- 29 CFR 1926, *Code of Federal Regulations*, Title 29, “Labor,” Part 1926, “Safety and Health Regulations for Construction,” Subpart 65, “Hazardous Waste Operations and Emergency Response.”
- 49 CFR 260-281, *Code of Federal Regulations*, Title 49, Parts 260 through 281, “EPA Implementing Regulations for RCRA.”
- 42 USC § 4321 et seq., January 1, 1970, “National Environmental Policy Act,” *United States Code*.
- 42 USC § 6901 et seq., October 21, 1976, “Resource Conservation and Recovery Act (Solid Waste Disposal Act),” *United States Code*.
- 42 USC § 9601 et seq., December 11, 1980, “Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA/Superfund),” *United States Code*.
- 54 FR 29820, July 14, 1989, *Federal Register*, “National Priorities List for Uncontrolled Hazardous Waste Sites: Update #9, Federal Facilities Sites,” FRL-3615-2, U.S. Environmental Protection Agency.
- 54 FR 48184, November 21, 1989, *Federal Register*, “National Priorities List of Uncontrolled Hazardous Waste Sites; Final Rule.”
- U. S. Department of Energy Order 151.1A, “Comprehensive Emergency Management System,” November 2000, U.S. Department of Energy.
- U. S. Department of Energy Order 232.1A, “Occurrence Reporting and Processing of Operations Information,” July 1997, U.S. Department of Energy.
- U.S. Department of Energy Order 5480.23, “Safety Analysis Reports,” Change 1, March 10, 1994, U.S. Department of Energy.
- U.S. Department of Energy Order 5480.8a, “Contractor Occupational Medical Program,” October 19, 1992, U.S. Department of Energy.
- U.S. Department of Energy Standard, DOE-STD-1090-99, “Hoisting and Rigging,” March 1999, U.S. Department of Energy.
- American Conference of Governmental Industrial Hygienists, 2000 edition, *Threshold Limit Values Booklet*.
- American National Standards Institute, 1992, *Respiratory Protection*, ANSI Z88.2-1992, American National Standards Institute.

- American National Standards Institute, 1998, *Emergency Eyewash and Shower Equipment*, ANSI Z 358.1-1990, Industrial Safety Equipment Association.
- Becker, B. H., J. D. Burgess, K. J. Holdren, D. K. Jorgensen, S. O. Magnuson, and A. J. Sondrup, August 1998, *Interim Risk Assessment and Contaminant Screening for the Waste Area Group 7 Remedial Investigation*, DOE/ID-10569, Idaho National Engineering and Environmental Laboratory, Lockheed Martin Idaho Technologies Company, Idaho Falls, Idaho.
- Becker, B. H., T. A. Bensen, C. S. Blackmore, D. E. Burns, B.N. Burton, N.L. Hampton, R. M. Huntley, R. W. Jones, D. K. Jorgensen, S. O. Magnuson, C. Shapiro, and R. L. Van Horn, May 1996, *Work Plan for Operable Unit 7-13/14 Waste Area Group 7 Comprehensive Remedial Investigation/Feasibility Study*, INEL-95/0343, Rev. 0, Idaho National Engineering and Environmental Laboratory, Lockheed Martin Idaho Technologies Company, Idaho Falls, Idaho.
- Companywide Manual 8, January 2001, *Environmental Management Procedures*, Idaho National Engineering and Environmental Laboratory, LLC, Idaho Falls, Idaho.
- Companywide Manual 9, January 18, 2001, *Operations*, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.
- Companywide Manual 12, January 2001, *Training and Qualification*, Idaho National Engineering and Environmental Laboratory, Bechtel BWXT Idaho, LLC, Idaho Falls, Idaho.
- Companywide Manual 14A, INEEL, January 2001, *Safety and Health, Occupational Safety and Fire Protection*, Idaho National Engineering and Environmental Laboratory, Bechtel BWXT Idaho, LLC, Idaho Falls, Idaho.
- Companywide Manual 14B, January 2001, *Safety and Health—Occupational Health*, Idaho National Engineering and Environmental Laboratory, Bechtel BWXT Idaho, LLC, Idaho Falls, Idaho.
- Companywide Manual 15A, January 2001, *Radiation Protection—INEEL Radiological Control Manual*, Idaho National Engineering and Environmental Laboratory, Bechtel BWXT Idaho, LLC, Idaho Falls, Idaho.
- Companywide Manual 15B, January 2001, *Radiation Protection Procedures*, Idaho National Engineering and Environmental Laboratory, Bechtel BWXT Idaho, LLC, Idaho Falls, Idaho.
- Companywide Manual 15C, February 2001, *Radiation Control Procedures*, Idaho National Engineering and Environmental Laboratory, Bechtel BWXT Idaho, LLC, Idaho Falls, Idaho.
- Companywide Manual 16, August 2000, *Emergency Preparedness Base Plan-INEEL Emergency Plan/RCRA Contingency Plan*, PLN-114, Idaho National Engineering and Environmental Laboratory, Bechtel BWXT Idaho, LLC, Idaho Falls, Idaho.
- Companywide Plan PLN-493, “Downhole Logging,” Idaho National Engineering and Environmental Laboratory, Bechtel BWXT Idaho, LLC, Idaho Falls, Idaho.
- Companywide Standard STD-101, December 19, 2000, “Integrated Work Control Process,” Idaho National Engineering and Environmental Laboratory, Bechtel BWXT Idaho, LLC, Idaho Falls, Idaho.

DOE-ID, June 2000a, *Idaho National Engineering and Environmental Laboratory Reusable Property, Recyclable Materials, and Waste Acceptance Criteria (RRWAC)*, DOE/ID-1038 1, Rev. 11, U.S. Department of Energy Idaho Operations Office, Idaho Falls, Idaho.

DOE-ID, April 2000b, "Quality Assurance Project Plan for Waste Area Groups 1, 2, 3, 4, 5, 6, 7, 10, and Inactive Sites (Draft)," DOE/ID-10587, Rev. 6, U.S. Department of Energy Idaho Operations Office Idaho Falls, Idaho.

DOE-ID, September 1999, *Field Sampling Plan for the Operable Unit 7-10 Staged Interim Action, Stage*, DOE/ID-10620, Rev. 1, U.S. Department of Energy Idaho Operations Office, Idaho Falls, Idaho.

DOE-ID, August 1998, *Addendum to the Work Plan for the Operable Unit 7-13/14 Waste Area Group 7 Comprehensive Remedial Investigation/Feasibility Study*, DOE/ID-10622, U.S. Department of Energy Idaho Operations Office, Idaho Falls, Idaho.

DOE-ID, 1997, *Idaho National Engineering and Environmental Laboratory Reusable, Recyclable Materials, and Waste Acceptance Criteria*, DOD/ID-1038 1, U.S. Department of Energy Idaho Operations Office, Idaho Falls, Idaho.

DOE-ID, October 1993, *Record of Decision: Declaration of Pit 9 at the Radioactive Waste Management Complex Subsurface Disposal Area at the Idaho National Engineering Laboratory, Idaho Falls, Idaho*, U.S. Department of Energy Idaho Operations Office; U.S. Environmental Protection Agency, Region 10; and Idaho Department of Health and Welfare.

DOE-ID, December 4, 1991, *Federal Facility Agreement and Consent Order and Action Plan*, U.S. Department of Energy, Idaho Field Office; U.S. Environmental Protection Agency, Region 10; Idaho Department of Health and Welfare.

DOE-ID, July 10, 1987, *Consent Order and Compliance Agreement*, U.S. Department of Energy, Idaho Field Office; U.S. Environmental Protection Agency, Region 10; and the U.S. Geological Survey.

EG&G, 1992, *Results of the Soil Gas Survey and Shallow Well Screening of the Radioactive Waste Management Complex Subsurface Disposal Area*, Idaho National Engineering and Environmental Laboratory, EG&G Idaho, Inc., Idaho Falls, Idaho.

INEEL, January 2001, *OU 7-13/14 Lysimeter Probe Design*, Engineering Design File EDF-ER-236, Idaho National Engineering and Environmental Laboratory, Bechtel BWXT Idaho, LLC, Idaho Falls, Idaho.

INEEL, January 2001, *OU 7-13/14 Soil Moisture Probe Design*, EDF-ER-234, Idaho National Engineering and Environmental Laboratory, Bechtel BWXT Idaho, LLC, Idaho Falls, Idaho.

INEEL, January 2001, *OU 7-13/14 Vapor Port Probe Design*, EDF-ER-235, Idaho National Engineering and Environmental Laboratory, Bechtel BWXT Idaho, LLC, Idaho Falls, Idaho.

INEEL, January 2001, *OU 7-13/14 Visual Probe Design*, EDF-ER-237, Idaho National Engineering and Environmental Laboratory, Bechtel BWXT Idaho, LLC, Idaho Falls, Idaho.

INEEL, October 2000a, *Radioactive Waste Management Complex Safety Analysis Report*, INEL-94/0226 Rev. 5, Idaho National Engineering and Environmental Laboratory, Bechtel BWXT Idaho, LLC, Idaho Falls, Idaho.

INEEL, August 2000b, *INEEL Emergency Plan/RCRA Contingency Plan*, PLN-114, Idaho National Engineering and Environmental Laboratory, Bechtel BWXT Idaho, LLC, Idaho Falls, Idaho.

INEEL, July 2000c, *Operable Unit 7-13/14 Plan for the Installation, Logging, and Monitoring of Probeholes in the Subsurface Disposal Area*, INEEL/EXT-98-00856, Rev. 1, Idaho National Engineering and Environmental Laboratory, Bechtel BWXT Idaho, LLC, Idaho Falls, Idaho.

INEEL, 1997, *Quality Program Plan for the Environmental Restoration Program*, Lockheed Martin Idaho Technologies Company, PLN-125 (formerly QPP-149), current issue.

INEEL, June 1996, "Established Levels of Radionuclide Intake for Consideration of Medical Intervention," EDF-INEL003, Idaho National Engineering and Environmental Laboratory, Bechtel BWXT Idaho, LLC, Idaho Falls, Idaho.

LMITCO, July 1999, *DOE STD 1027 Preliminary Hazard Categorization for the Stage 1 OU 7 10 Contingency at the Radioactive Waste Management Complex*, INEEL EXT 99-00739, Idaho National Engineering and Environmental Laboratory, Lockheed Martin Idaho Technologies Company, Idaho Falls, Idaho.

Liekhus, K. J., October 1991, *Nonradiological Inventory in OU 7-13/14 at the RWMC*, EG&G Idaho, Inc., Engineering Design File, ERP-BWP-65, Revision 2.

Management Control Procedure MCP-6, "Engineering Design File," July 6, 2000, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-7, "Radiological Work Permit," August 29, 2000, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-8, "Self-Assessment Process for Continuous Improvement," January 31, 2001, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-93, "Health Physics Instrumentation," February 12, 1999, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-124, "Response to Abnormal Radiological Situations," July 27, 2000, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-137, "Radioactive Source Accountability and Control," August 1, 2000, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-138, "Control and Registration of Radiation-Generating Devices," January 17, 2001, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-139, "Radiological Surveys," July 6, 2000, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-148, "Personnel Decontamination," July 6, 2000, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-151, "Subsurface Investigations," August 24, 1999, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-153, "Industrial Hygiene Exposure Assessment," May 18,2000, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MPC-187, "Posting Radiological Control Areas," September 18,2000, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-188, "Issuance of Thermoluminescent Dosimeters (TLDs) and Obtaining Personnel Dose History," August 24, 2000, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-190, "Event Investigation and Occurrence Reporting," September 1, 2000, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-191, "Radiological Internal Dosimetry," August 2,2000, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-199, "Total Containment Glove Bags and Glove Boxes," August 1, 2000, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-352, "Determining Radiological Monitoring Requirements," July 6,2000, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-357, "Job-Specific Air Sampling/Monitoring," July 6,2000, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-425, "Surveys of Materials for Unrestricted Release and Control of Movement of Contaminated Material," July 6, 2000, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-432, "Radiological Personal Protective Equipment," July 6,2000, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-553, "Stop Work Authority," August 30,2000, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-584, "Flammable/Combustible Liquids Storage and Handling," February 1, 1997, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-1764, "RWMC Operating Requirements," October 11,2000, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-2381, "Personnel Exposure Questionnaire," August 2,2000, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-2704, "Heat and Cold Stress," June 22,2000, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-2714, "Safety Signs, Color Codes, and Barriers," February 1, 1997, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-2716, "Personal Protective Equipment," February 13,2001, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-2719, "Controlling and Monitoring Exposure to Noise," September 15, 1998, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-2726, "Respiratory Protection," September 21, 2000, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-2728, "Compressed Gases," December 23, 1999, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-2731, "Electrical Safety," February 13, 2001, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-2735, "Hand and Portable Power Tools," September 19, 2000, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-2736, "Cryogenic Systems," February 1, 1997, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-2743, "Motor Vehicle Safety," January 9, 2001, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-2745, "Heavy Industrial Vehicles," February 1, 1999, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-2749, "Confined Spaces," February 13, 2001, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-2750, "Preventing Hantavirus Infection," September 10, 1998, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-2976, "Chapter IV, Operations Communications," August 24, 1999, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-3003, "Performing Pre-Job Briefings and Post-Job Reviews," June 19 2000, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-3449, "Safety and Health Inspections," February 15, 2001, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-3562, "Hazard Identification, Analysis and Control of Operational Activities," March 17, 2000, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-3650, "Chapter IX Level I Lockouts and Tagouts," January 18, 2001, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Management Control Procedure MCP-3651, "Chapter IX Level II Lockouts and Tagouts," January 18, 2001, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

McKinley, K. B. and J. D. McKinney, 1978, ***Initial Drum Retrieval Final Report***, TREE-1286, Idaho National Engineering and Environmental Laboratory, EG&G Idaho, Inc. Idaho Falls, Idaho.

National Fire Protection Association, February 2000, "Electrical Safety Requirements for Employee Work Places," NFPA 70E, National Fire Protection Association.

NIOSH, 1996, *NIOSH Pocket Guide to Chemical Hazards*. NIOSH Publication Number 90-117, U.S. Government Printing Office, Washington, D.C.

NIOSH, October 1985, *Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities*, NIOSH/OSHA/United States Coast Guard/EPA, DHHS (NIOSH) Publication No. 85-115.

Program Requirements Document, PRD-160, "Hoisting and Rigging," April 2000, Idaho National Engineering and Environmental Laboratory, Idaho Falls, Idaho.

Salomon, Hopi, February 2001, "Field Sampling Plan for Monitoring of Type B-Probes in Support of the Integrated Probing Project Operable Unit 7-13/14 (Draft)," INEEL/EXT-2000-01435, Rev. A, Idaho National Engineering and Environmental Laboratory, Bechtel BWXT Idaho, LLC, Idaho Falls, Idaho.

Sherwood, T. R., June 1999, *Operable Unit 7-10 Staged Interim Action Stage I California Combustion Test Report*, INEEL/EXT-99-0086, Idaho National Engineering and Environmental Laboratory, Bechtel BWXT Idaho, LLC, Idaho Falls, Idaho.

Smith, T. H., and D. E. Kudera, 1996, *Comparison of the OU 7-13/14 Project Inventory of Contaminants Against the Corresponding Portion of the Historical Data Task Inventory, and Recommended Revised Quantities*, INEL-96/005, U.S. Department of Energy, Idaho Field Office; U.S. Environmental Protection Agency, Region 10; Idaho Department of Health and Welfare.

Technical Procedure Requirement TPR-51, "Decontamination of Heavy Equipment in the Field," Idaho National Engineering and Environmental Laboratory, Bechtel BWXT Idaho, LLC, Idaho Falls, Idaho, current revision.

Technical Procedure Requirement TPR-52, "Decontamination of Sampling Equipment in the Field," Idaho National Engineering and Environmental Laboratory, Bechtel BWXT Idaho, LLC, Idaho Falls, Idaho, current revision.

Technical Procedure Requirement TPR-154, "OU 7-10 and OU 7-13/14 Operational Support Activities," August 31, 2001, Idaho National Engineering and Environmental Laboratory, Bechtel BWXT Idaho, LLC, Idaho Falls, Idaho.

Technical Procedure Requirement TPR-1672, "Type B Probe Installation," Idaho National Engineering and Environmental Laboratory, Bechtel BWXT Idaho, LLC, Idaho Falls, Idaho, current revision.

Technical Procedure Requirement TPR 1673, "Type B Visual Probe Installation," Idaho National Engineering and Environmental Laboratory, Bechtel BWXT Idaho, LLC, Idaho Falls, Idaho, current revision.

Technical Procedure Requirement TPR-1760, "Probehole Installation," November 8, 2000, Idaho National Engineering and Environmental Laboratory, Bechtel BWXT Idaho, LLC, Idaho Falls, Idaho.

